Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Sunday 30 Jul 2023 until 23:59 on Monday 31 Jul 2023

Forecast Issued on Sunday 30 Jul 2023 at 04:23

Confidence: Only moderate confidence in forecast details over the next few days.

Headline for Sunday 30 Jul 2023: Early showers giving way to more persistent rain into the day. Windy.

Mountain weather hazards on Sunday 30 Jul 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy rain showers	Heavy rain showers	Light rain showers	Light rain	Heavy Rain	Heavy Rain
Precipitation probability					
60%	40%	30%	60%	80%	90%

Forecast for Sunday 30 Jul 2023

Weather: Largely cloudy through the morning with scattered showers likely, these turning locally heavy with a low risk of thundery downpours. One or two sunny spells developing through the early afternoon, but these will be short-lived with cloud then thickening from the southwest ahead of a band of rain arriving into the evening. This rain will be persistent, turning heavy at times. Windy with the low risk of gales in exposure, especially higher routes in the west including Ingleborough.

Chance of cloud-free hill tops above 600m: 60%. Reducing from the west from late afternoon to 20%.

Low Cloud and visibility: Patchy low cloud first thing with bases around 500-600m, and locally lower over western hills. Cloud bases likely rising into the morning before cloud bases lowering into the afternoon in association with showers, and cloud dropping lowering once again towards 400-600m into the late afternoon and evening as rain spreads from the southwest. Generally good visibility first thing outside of cloud and showers, reducing to poor or very poor in low cloud and persistent rain into the late afternoon and evening.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Sunday 30 Jul 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	24/33 W	26/35 W	28/38 W	23/32 W	17/24 SW	11/14 SW	10/15 S
300	17/34 W	18/37 W	19/36 W	16/32 W	10/20 SW	3/9 S	3/11 S
Valley	11/26 W	15/30 W	17/33 W	15/30 SW	9/18 SW	4/12 S	5/14 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/5	10/6	11/6	11/7	10/7	10/8	12/10
300	12/9	13/10	14/11	14/11	12/10	12/12	13/13
Valley	13/11	15/12	16/13	16/13	14/13	14/13	15/14
Freezing Level*	2000m	1800m	2100m	2100m	2900m	3000m	3000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A few watercourses may become swollen and surfaces slippery given morning showers and thunderstorms. Conditions deteriorating more widely from late-afternoon with extensive low cloud and heavy rain into the evening. Gusts in excess of 40mph will give difficult walking conditions on higher routes. Elevated UV levels in any breaks, particularly towards the eastern Dales.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sun 30 Jul 2023	7.6mm	8mm	17mm

Forecast for Monday 31 Jul 2023

Weather: Overnight rain and widespread low cloud is expected to slowly clear to the north Monday morning, giving way to some bright spells and frequent showers. Showers turning locally heavy and persisting through the afternoon and into the evening and overnight.

Maximum wind: West or southwest 20-30mph, gusts of 30-40mph. Winds easing later.

Chance of cloud-free hill tops above 600m: 20% in the west and 40% in the east initially, slowly improving from the south to 60%.

Low Cloud and visibility: Extensive low cloud with bases around 300-400m through the morning, perhaps higher for a time in the east. Low cloud associated with the rain band is expected to increasingly lift clear of hills and break up by the afternoon. Bases may dip around showers to cover higher summits. Visibility poor or very poor in early rain, improving good or very good. Moderate to poor visibility in showers and late rain.

Temperature: **Valleys:** Plus 14 Celsius rising slightly to Plus 16 Celsius.
At 600m: Plus 12 Celsius.
Freezing level: Well above summits.

Thursday	Another day of frequent showers likely with a strong north westerly breeze likely developing.

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